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AUG 15 2005

PATENT  
091-0110

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JIAN DONG : Confirmation No.: 2047  
Serial No. 09/945,306 : Group Art Unit: 2123  
Filed: August 30, 2001 : Examiner: Samuel Broda

For: INTEGRATED MULTI-DISCIPLINARY  
OPTIMIZATION PROCESS FOR THERMAL  
PROTECTION SYSTEM DESIGN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA

AMENDMENT AND RESPONSE

Sir:

In response to the Office action dated as mailed on June 20, 2005 and having a period of response extending through and including September 20, 2005, please make the below-identified amendments, and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Hall,  
Please do not  
enter this amendment  
Thanks,  
Thai  
8/21/05